



1

SEQUENCE LISTING

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TECH CENTER 1600/2900

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KAWABE, TAKUMI

<120> COMPOSITIONS AND METHODS FOR INHIBITING G2 CELL CYCLE
ARREST AND SENSITIZING CELLS TO DNA DAMAGING AGENTS

<130> 087533/0276411

<140> 09/667,365

<141> 2000-09-21

<150> 1948

<170> PatentIn Ver. 2.1

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Leu Tyr Ser Ser Pro Ser Asp Trp Glu Asn Leu
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Leu Tyr Ser Ser Pro Ser Glu Pro Glu Asn Leu
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<400> 118

Leu Tyr His Ser Pro Ser Asn Pro Glu Asn Leu

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<210> 119

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Tyr Asn Ser Pro Ser Phe Phe Glu Asn Leu
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<400> 163

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peptide

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Leu	Tyr	Gly	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
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1 5 10

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1 5 10

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<211> 11
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<400> 182
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<400> 186

Leu Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
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<400> 187

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<210> 188

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<400> 189

Leu Tyr Gly Ser Pro Ser Gln Trp Glu Asn Leu
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 1 5 10

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peptide

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<400> 196

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<210> 198

<211> 11

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 1 5 10

<210> 199
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 peptide

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223> Description of Artificial Sequence: Synthetic peptide

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<400> 211
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<400> 214
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<400> 215

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Leu Tyr Ala Ser Pro Ser Asn Trp Glu Asn Leu
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<400> 218

Leu Tyr Ala Ser Pro Ser Gln Pro Glu Asn Leu
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<400> 219

Leu Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
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Leu Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu
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<400> 221

Leu Tyr Ala Ser Pro Ser Gln Trp Glu Asn Leu
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peptide

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Leu Tyr Ala Ser Pro Ser His Phe Glu Asn Leu
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Leu Tyr Ala Ser Pro Ser His Trp Glu Asn Leu
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Leu Phe Arg Ser His Ser Met His Glu Asn Leu
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<210> 227

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 peptide

<400> 229

Leu Phe Arg Ser Pro Ser Met Trp Glu Asn Leu
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 peptide

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Leu Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
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<400> 152

Leu Phe Arg Ser Pro Ser Gln Tyr Glu Asn Leu
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peptide

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<213> Artificial Sequence

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<400> 173

Leu Phe Ser Ser Pro Ser Asp Trp Glu Asn Leu
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<211> 11

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Leu Phe Ser Ser Pro Ser Glu Pro Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
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<400> 281

Leu Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Gln Pro Glu Asn Leu
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 peptide

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Leu Phe Ser Ser Pro Ser Gln Tyr Glu Asn Leu
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Leu Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
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 peptide

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Leu Phe Ser Ser Pro Ser His Pro Glu Asn Leu
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 peptide

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Leu Phe Ser Ser Pro Ser His Phe Glu Asn Leu
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 peptide

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1 5 10

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<210> 294
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 peptide

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 peptide

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 peptide

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 peptide

<400> 298
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 1 5 10

<210> 299
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 peptide

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<400> 301
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 302

Leu Phe Thr Ser Pro Ser Asp Pro Glu Asn Leu
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<210> 303

<211> 11

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Leu Phe Thr Ser Pro Ser Asp Phe Glu Asn Leu
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Leu Phe Thr Ser Pro Ser Asp Tyr Glu Asn Leu
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Leu Phe Thr Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

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<400> 306

Leu Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 307

<211> 11

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Leu Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu
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Leu Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 309

<211> 11

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Leu Phe Thr Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 310

<211> 11

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peptide

<400> 310

Leu	Phe	Thr	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
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Leu	Phe	Thr	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
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Leu	Phe	Thr	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
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<213> Artificial Sequence

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<400> 313

Leu	Phe	Thr	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
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<210> 314

<211> 11

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<213> Artificial Sequence

<400> 314

Leu Phe Thr Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 315

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 315

Leu Phe Thr Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 316

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 316

Leu Phe Thr Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

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<211> 11

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 peptide

<400> 317

Leu Phe Thr Ser Pro Ser Gln Tyr Glu Asn Leu
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1

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10

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Leu Phe Thr Ser Pro Ser His Tyr Glu Asn Leu

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Leu Phe Thr Ser Pro Ser His Trp Glu Asn Leu

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5

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<210> 323
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 peptide

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 1 5 10

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 peptide

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 1 5 10

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 peptide

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 peptide

<400> 326

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 peptide

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 peptide

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<400> 330
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<400> 331

Leu Phe His Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

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<400> 332

Leu Phe His Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 333

<211> 11

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<400> 333

Leu Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 334

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 334

Leu Phe His Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<220>

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<400> 335

Leu Phe His Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 336

<211> 11

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<400> 336

Leu Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 337

<211> 11

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<400> 337

Leu Phe His Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 338

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<400> 338

Leu Phe His Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 339

<211> 11

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peptide

<400> 339

Leu	Phe	His	Ser	Pro	Ser	Glu	Phe	Glu	Asn	Leu
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<400> 340

Leu	Phe	His	Ser	Pro	Ser	Glu	Tyr	Glu	Asn	Leu
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<210> 341

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<400> 341

Leu	Phe	His	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
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<211> 11

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<400> 342

Leu	Phe	His	Ser	Pro	Ser	Asn	Irc	Glu	Asn	Leu
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<210> 343

<211> 11

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<400> 343

Leu Phe His Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 344

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<400> 344

Leu Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 345

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 345

Leu Phe His Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 346

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<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 346

Leu Phe His Ser Pro Ser Gln Pro Gln Asn Leu
 1 5 10

<210> 347

<211> 11

<212> PRT

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Leu Phe Ala Ser Pro Ser Tyr Trp Glu Asn Leu
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Leu Phe Ala Ser Pro Ser His Phe Glu Asn Leu
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Leu Phe Ala Ser Pro Ser His Tyr Glu Asn Leu
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Phe Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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Phe	Tyr	Arg	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
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<211> 11

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1 5 10

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<210> 600

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 1 5 10

<210> 601

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peptide

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 peptide

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 1 5 10

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 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 621

Phe Tyr Gly Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

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Phe Tyr Gly Ser Pro Ser Asp Pro Glu Asn Leu
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<210> 623

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<400> 623

Phe Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu
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<210> 624

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<400> 624

Phe Tyr Gly Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

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<400> 625

Phe Tyr Gly Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

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Phe Tyr Gly Ser Pro Ser Glu Pro Glu Asn Leu
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<211> 11

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Phe Tyr Gly Ser Pro Ser Glu Phe Glu Asn Leu
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<210> 628

<211> 11

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<400> 628

Phe Tyr Gly Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 629

<211> 11

peptide

<400> 629

Phe	Tyr	Gly	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 630

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<400> 630

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
1				5					10	

<210> 631

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<400> 631

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 632

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<400> 632

Phe	Tyr	Gly	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
1				5					10	

<210> 633

<211> 11

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Phe Tyr Gly Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 634

<211> 11

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<400> 634

Phe Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
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<210> 635

<211> 11

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Phe Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
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<210> 636

<211> 11

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Phe Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
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<210> 638
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1 5 10

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1 5 10

<210> 640
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<210> 642
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1 5 10

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peptide

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1 5 10

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peptide

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1 5 10

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<400> 646

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 1 5 10

<210> 647

<211> 11
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Phe Tyr Ala Ser Pro Ser Phe Phe Glu Asn Leu
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<210> 648

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<400> 648

Phe Tyr Ala Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 649

<211> 11
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Phe Tyr Ala Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Phe Tyr Ala Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 651

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<210> 652

<211> 11

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Phe Tyr Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

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<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 653

Phe Tyr Ala Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

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 peptide

<400> 654
 Phe Tyr Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

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 1 5 10

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 1 5 10

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<400> 657
 Phe Tyr Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 658
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peptide

<400> 658

Phe Tyr Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 659

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 659

Phe Tyr Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 660

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 peptide

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 1 5 10

<210> 661

<211> 11

<212> PRT

<213> Artificial Sequence

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 peptide

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Phe Tyr Ala Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 662

<211> 11

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<400> 562
 Phe Tyr Ala Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

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 Phe Tyr Ala Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

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 1 5 10

<210> 565
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<210> 671
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 peptide

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 1 5 10

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 peptide

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 1 5 10

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 peptide

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 1 5 10

<210> 674
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<400> 674

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 peptide

<400> 675
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<400> 678
 Phe Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 679

Phe Phe Arg Ser Pro Ser Phe Phe Glu Asn Leu
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<210> 680

<211> 11

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<210> 681

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Phe Phe Arg Ser Pro Ser Phe Trp Glu Asn Leu
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 682

Phe Phe Arg Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 683

Phe Phe Arg Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 684

Phe Phe Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 685

<211> 11

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Phe Phe Arg Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 686

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Phe Phe Arg Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 687

<211> 11

<212> PRT

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peptide

<400> 687

Phe	Phe	Arg	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
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<210> 690

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<210> 691

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<400> 691

Phe Phe Arg Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 692

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 692

Phe Phe Arg Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 693

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<212> PRT

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 peptide

<400> 693

Phe Phe Arg Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 694

<211> 11

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 peptide

<400> 694

Phe Phe Arg Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 695

<211> 11

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<220>

1 5 10

<210> 696
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peptide

<400> 696
Phe Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
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<210> 697
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peptide

<400> 697
Phe Phe Arg Ser Pro Ser Asn Trp Glu Asn Leu
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<210> 698
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peptide

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Phe Phe Arg Ser Pro Ser Gln Pro Glu Asn Leu
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<210> 700
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 peptide

<400> 700
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 1 5 10

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 peptide

<400> 701
 Phe Phe Arg Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 702
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 <213> Artificial Sequence

<220>
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 peptide

<400> 702
 Phe Phe Arg Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 703
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 Phe Phe Arg Ser Pro Ser His Pro Glu Asn Leu

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 704
 Phe Phe Arg Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 705
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 705
 Phe Phe Arg Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 706
 <211> 11
 <212> PRT
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<220>
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<400> 706
 Phe Phe Ser Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 707
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<220>
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<400> 707
 Phe Phe Ser Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 708

Phe Phe Ser Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 709

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 709

Phe Phe Ser Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 710

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 710

Phe Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 711

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 711

Phe Phe Ser Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 712

Phe	Phe	Ser	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
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<210> 713

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 713

Phe	Phe	Ser	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
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<210> 714

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 714

Phe	Phe	Ser	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 715

<211> 11

<212> PRT

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<400> 715

Phe	Phe	Ser	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
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<210> 716

<211> 11

peptide

<400> 716

Phe	Phe	Ser	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5						10

<210> 717

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 717

Phe	Phe	Ser	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5						10

<210> 718

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 718

Phe	Phe	Ser	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
1				5						10

<210> 719

<211> 11

<212> PRT

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<400> 719

Phe	Phe	Ser	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
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<210> 720

<211> 11

<212> PRT

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<400> 720

Phe Phe Ser Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 721

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 721

Phe Phe Ser Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 722

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 722

Phe Phe Ser Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 723

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 723

Phe Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 11

<210> 724

<211> 11

<212> PRT

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1

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<210> 725

<211> 11

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peptide

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Phe Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu

1

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<210> 726

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 726

Phe Phe Ser Ser Pro Ser Asn Pro Glu Asn Leu

1

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<210> 727

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 727

Phe Phe Ser Ser Pro Ser Asn Phe Glu Asn Leu

1

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<210> 728

<211> 11

<212> PRT

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peptide

<210> 729
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 peptide

<400> 729
 Phe Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 730
 <211> 11
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<220>
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 peptide

<400> 730
 Phe Phe Ser Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 731
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 731
 Phe Phe Ser Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 732
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<220>
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 peptide

<400> 732

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 733
 Phe Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 734
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 734
 Phe Phe Ser Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 735
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 735
 Phe Phe Ser Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 736
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 736
 Phe Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 737

Phe Phe Ser Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 738

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 738

Phe Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 739

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 739

Phe Phe Thr Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 740

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 740

Phe Phe Thr Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 741

Phe Phe Thr Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 742

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 742

Phe Phe Thr Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 743

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 743

Phe Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 744

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 744

Phe Phe Thr Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 745

<211> 11

peptide

<400> 745

Phe	Phe	Thr	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 746

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 746

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 747

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 747

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 748

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 748

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 749

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 749

Phe	Phe	Thr	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 750

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 750

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
1				5					10	

<210> 751

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 751

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
1				5					10	

<210> 752

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 752

Phe	Phe	Thr	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
1				5					10	

<210> 753

<211> 11

<212> PRT

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<220>

1

5

10

<210> 754

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 754

Phe Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu

1

5

10

<210> 755

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 755

Phe Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu

1

5

10

<210> 756

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 756

Phe Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu

1

5

10

<210> 757

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 758
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 <212> PRT
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<220>
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 peptide

<400> 758
 Phe Phe Thr Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 759
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 759
 Phe Phe Thr Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 760
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 760
 Phe Phe Thr Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 761
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<220>
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 peptide

<400> 761

<211> 11
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 <213> Artificial Sequence

<220>
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 peptide

<400> 762
 Phe Phe Thr Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 763
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 763
 Phe Phe Thr Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 764
 <211> 11
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<220>
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 peptide

<400> 764
 Phe Phe Thr Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 765
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<220>
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 peptide

<400> 765
 Phe Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 766

Phe Phe Thr Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 767

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 767

Phe Phe Thr Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 768

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 768

Phe Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 769

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 769

Phe Phe Thr Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 770

Phe Phe His Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 771

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 771

Phe Phe His Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 772

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 772

Phe Phe His Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 773

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 773

Phe Phe His Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 774

<211> 11

peptide

<400> 774

Phe	Phe	His	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 775

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 775

Phe	Phe	His	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 776

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 776

Phe	Phe	His	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1				5					10	

<210> 777

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 777

Phe	Phe	His	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 778

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 778

Phe	Phe	His	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 779

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 779

Phe	Phe	His	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 780

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 780

Phe	Phe	His	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 781

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 781

Phe	Phe	His	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 782

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

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10

<210> 783

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 783

Phe Phe His Ser Pro Ser Asp Phe Glu Asn Leu

1

5

10

<210> 784

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 784

Phe Phe His Ser Pro Ser Asp Tyr Glu Asn Leu

1

5

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<210> 785

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 785

Phe Phe His Ser Pro Ser Asp Trp Glu Asn Leu

1

5

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<210> 786

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 787
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 787
 Phe Phe His Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 788
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 788
 Phe Phe His Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 789
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 789
 Phe Phe His Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 790
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 790

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 791
 Phe Phe His Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 792
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 792
 Phe Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 793
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 793
 Phe Phe His Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 794
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 794
 Phe Phe His Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 795

Phe Phe His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 796

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 796

Phe Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 797

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 797

Phe Phe His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 798

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 798

Phe Phe His Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 799

Phe Phe His Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 800

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 800

Phe Phe His Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 801

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 801

Phe Phe His Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 802

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 802

Phe Phe Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 803

<211> 11

<212> PRT

<213> Artificial Sequence

peptide

<400> 803

Phe	Phe	Asn	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1					5					10

<210> 804

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 804

Phe	Phe	Asn	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1					5					10

<210> 805

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 805

Phe	Phe	Asn	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
1					5					10

<210> 806

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 806

Phe	Phe	Asn	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1					5					10

<210> 807

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 807

Phe Phe Asn Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 808

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 808

Phe Phe Asn Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 809

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 809

Phe Phe Asn Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 810

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 810

Phe Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 811

<211> 11

<212> PRT

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<220>

1

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<210> 812

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 812

Phe Phe Asn Ser Pro Ser Tyr Tyr Glu Asn Leu

1

5

10

<210> 813

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 813

Phe Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 814

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 814

Phe Phe Asn Ser Pro Ser Asp Pro Glu Asn Leu

1

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<210> 815

<211> 11

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 1 5 10

<210> 817
 <211> 11
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<220>
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 peptide

<400> 817
 Phe Phe Asn Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 818
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 818
 Phe Phe Asn Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 819
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 819
 Phe Phe Asn Ser Pro Ser Glu Pro Glu Asn Leu

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 820
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 1 5 10

<210> 821
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<220>
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 peptide

<400> 821
 Phe Phe Asn Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 822
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 peptide

<400> 822
 Phe Phe Asn Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 823
 <211> 11
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<220>
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<400> 823
 Phe Phe Asn Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 824

Phe Phe Asn Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 825

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 825

Phe Phe Asn Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 826

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 826

Phe Phe Asn Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 827

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 827

Phe Phe Asn Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 828

Phe	Phe	Asn	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
1				5					10	

<210> 829

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 829

Phe	Phe	Asn	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
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<210> 830

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 830

Phe	Phe	Asn	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
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<210> 831

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 831

Phe	Phe	Asn	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
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<210> 832

<211> 11

peptide

<400> 832

Phe	Phe	Asn	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 833

<211> 11

<212> PRT

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<400> 833

Phe	Phe	Asn	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 834

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 834

Phe	Phe	Gly	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
1				5					10	

<210> 835

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 835

Phe	Phe	Gly	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
1				5					10	

<210> 836

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 836

Phe Phe Gly Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 837

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 837

Phe Phe Gly Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 838

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 838

Phe Phe Gly Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 839

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 839

Phe Phe Gly Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 840

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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<210> 841
<211> 11
<212> PRT
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<220>
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<400> 841
Phe Phe Gly Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 842
<211> 11
<212> PRT
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<220>
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<400> 842
Phe Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 843
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 843
Phe Phe Gly Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 844
<211> 11
<212> PRT
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<220>
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<210> 845
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 <212> PRT
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<220>
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 peptide

<400> 845
 Phe Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 846
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 846
 Phe Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 847
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 847
 Phe Phe Gly Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 848
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 848

<211> 11
 <212> PRT
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<220>
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 peptide

<400> 849
 Phe Phe Gly Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 850
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 850
 Phe Phe Gly Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 851
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 851
 Phe Phe Gly Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 852
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 852
 Phe Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 853

Phe Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 854

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 854

Phe Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 855

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 855

Phe Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 856

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 856

Phe Phe Gly Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 857

Phe Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 858

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 858

Phe Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 859

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 859

Phe Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 860

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 860

Phe Phe Gly Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 861

<211> 11

peptide

<400> 851

Phe	Phe	Gly	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 852

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 852

Phe	Phe	Gly	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
1				5					10	

<210> 853

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 853

Phe	Phe	Gly	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 854

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 854

Phe	Phe	Gly	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 855

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 865

Phe Phe Gly Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 866

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 866

Phe Phe Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 867

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 867

Phe Phe Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 868

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 868

Phe Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 869

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

1

5

10

<210> 870

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 870

Phe Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu

1

5

10

<210> 871

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 871

Phe Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu

1

5

10

<210> 872

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 872

Phe Phe Ala Ser Pro Ser Phe Tyr Glu Asn Leu

1

5

10

<210> 873

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 874
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 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 874
 Phe Phe Ala Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 875
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 875
 Phe Phe Ala Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 876
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 876
 Phe Phe Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 877
 <211> 11
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<220>
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 peptide

<400> 877

<211> 11
 <212> PRT
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<220>
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 peptide

<400> 878
 Phe Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 879
 <211> 11
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<220>
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 peptide

<400> 879
 Phe Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 880
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 880
 Phe Phe Ala Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 881
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 881
 Phe Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 882

Phe Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 883

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 883

Phe Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 884

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 884

Phe Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 885

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 885

Phe Phe Ala Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 886

Phe Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 887

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 887

Phe Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 888

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 888

Phe Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 889

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 889

Phe Phe Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 890

<211> 11

peptide

<400> 890

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Pro	Glu	Asn	Leu
1				5					10	

<210> 891

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 891

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
1				5					10	

<210> 892

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 892

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
1				5					10	

<210> 893

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 893

Phe	Phe	Ala	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 894

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 894

Phe Phe Ala Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 895

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 895

Phe Phe Ala Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 896

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 896

Phe Phe Ala Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 897

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 897

Phe Phe Ala Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 898

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1	5	10
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<210> 899
 <211> 11
 <212> PRT
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<220>
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<400> 899
 Trp Tyr Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 900
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 900
 Trp Tyr Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 901
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 901
 Trp Tyr Arg Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 902
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<210> 903
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 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 903
 Trp Tyr Arg Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 904
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 904
 Trp Tyr Arg Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 905
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 905
 Trp Tyr Arg Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 906
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 906

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 907
 Trp Tyr Arg Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 908
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 908
 Trp Tyr Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 909
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 909
 Trp Tyr Arg Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 910
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 910
 Trp Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 911

Trp Tyr Arg Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 912

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 912

Trp Tyr Arg Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 913

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 913

Trp Tyr Arg Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 914

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 914

Trp Tyr Arg Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 915

Trp Tyr Arg Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 916

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 916

Trp Tyr Arg Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 917

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 917

Trp Tyr Arg Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 918

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 918

Trp Tyr Arg Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 919

<211> 11

peptide

<400> 919

Trp Tyr Arg Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 920

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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<400> 920

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Trp Tyr Thr Ser Pro Ser Phe Trp Glu Asn Leu
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<400> 977

Trp Tyr Thr Ser Pro Ser Asp Trp Glu Asn Leu
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<210> 978

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Trp Tyr Thr Ser Pro Ser Glu Pro Glu Asn Leu
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Trp Tyr Thr Ser Pro Ser Glu Phe Glu Asn Leu
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Trp Tyr Thr Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 982

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<211> 11

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Trp Tyr Thr Ser Pro Ser Asn Phe Glu Asn Leu
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 peptide

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<400> 997
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 1 5 10

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<400> 998

Trp Tyr His Ser Pro Ser Phe Pro Glu Asn Leu
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Trp Tyr His Ser Pro Ser Phe Phe Glu Asn Leu
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Trp Tyr His Ser Pro Ser Phe Trp Glu Asn Leu
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Trp Tyr His Ser Pro Ser Tyr Pro Glu Asn Leu
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<400> 1004

Trp Tyr His Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

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<210> 1006

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1				5					10	

<210> 1008

<211> 11

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<400> 1008

Trp	Tyr	His	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
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<210> 1009

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<210> 1010

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<400> 1010

Trp Tyr His Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1011

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1011

Trp Tyr His Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 1012

<211> 11

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1012

Trp Tyr His Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 1013

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Trp Tyr His Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1014

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1 5 10

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<400> 1022

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<400> 1023
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Trp Tyr Asn Ser Pro Ser Met Phe Glu Asn Leu
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Trp Tyr Asn Ser Pro Ser Met Tyr Glu Asn Leu
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Trp Tyr Asn Ser Pro Ser Phe Trp Glu Asn Leu
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<210> 1039

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Trp Tyr Asn Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1040

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<210> 1042

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<211> 11

<212> PRT

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1 5 10

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<211> 11

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<400> 1064

Trp Tyr Gly Ser Pro Ser Phe Tyr Glu Asn Leu
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<211> 11

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 1 5 10

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1 5 10

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 1 5 10

<210> 1083
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 Trp Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

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<400> 1084
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<400> 1085

Trp Tyr Gly Ser Pro Ser Gln Trp Glu Asn Leu
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<210> 1086

<211> 11

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<400> 1087

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Trp Tyr Gly Ser Pro Ser His Tyr Glu Asn Leu
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<400> 1089

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 1 5 10

<210> 1090

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1090

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<210> 1091

<211> 11

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<400> 1091

Trp Tyr Ala Ser Pro Ser Met Phe Glu Asn Leu
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<400> 1092

Trp Tyr Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1093

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<400> 1093

Trp	Tyr	Ala	Ser	Pro	Ser	Met	Trp	Glu	Asn	Leu
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<210> 1095

<211> 11

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<210> 1096

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<400> 1097

Trp Tyr Ala Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

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<211> 11

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<211> 11

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<211> 11

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<210> 1102

<211> 11

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1 5 10

<210> 1103

<211> 11

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Trp Tyr Ala Ser Pro Ser Asp Phe Glu Asn Leu

1 5 10

<210> 1104

<211> 11

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1 5 10

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<211> 11

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<210> 1107
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 1 5 10

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Trp Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
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peptide

<400> 1122

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Trp Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
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1 5 10

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Trp Phe Arg Ser Pro Ser Tyr Phe Glu Asn Leu

1 5 10

<210> 1132

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Trp Phe Arg Ser Pro Ser Tyr Tyr Glu Asn Leu

1 5 10

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1 5 10

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Trp Phe Arg Ser Pro Ser Gln Tyr Glu Asn Leu
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Trp Phe Arg Ser Pro Ser Gln Trp Glu Asn Leu
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<210> 1151

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peptide

<400> 1151

Trp	Phe	Arg	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
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<210> 1152

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1152

Trp	Phe	Arg	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
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<210> 1153

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1153

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1				5					10	

<210> 1154

<211> 11

<212> PRT

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<220>

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<400> 1154

Trp	Phe	Ser	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1155

<211> 11

<212> PRT

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<400> 1155

Trp Phe Ser Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1156

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1156

Trp Phe Ser Ser Pro Ser Met Tyr Glu Asn Leu
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<210> 1157

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1157

Trp Phe Ser Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1158

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1158

Trp Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 1159

<211> 11

<212> PRT

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1

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<210> 1160

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1160

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1

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<210> 1161

<211> 11

<212> PRT

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<220>

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<400> 1161

Trp Phe Ser Ser Pro Ser Phe Trp Glu Asn Leu

1

5

10

<210> 1162

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1162

Trp Phe Ser Ser Pro Ser Tyr Pro Glu Asn Leu

1

5

10

<210> 1163

<211> 11

<212> PRT

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 peptide

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 1 5 10

<210> 1165
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 1 5 10

<210> 1167
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<220>
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<400> 1167

<211> 11
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<220>
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 peptide

<400> 1168
 Trp Phe Ser Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1169
 <211> 11
 <212> PRT
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<220>
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<400> 1169
 Trp Phe Ser Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1170
 <211> 11
 <212> PRT
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<220>
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<400> 1170
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 1 5 10

<210> 1171
 <211> 11
 <212> PRT
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<220>
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<400> 1171
 Trp Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1172

Trp Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1173

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1173

Trp Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1174

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1174

Trp Phe Ser Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1175

<211> 11

<212> PRT

<213> Artificial Sequence

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<400> 1175

Trp Phe Ser Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1176

Trp Phe Ser Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1177

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 1177

Trp Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1178

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1178

Trp Phe Ser Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1179

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1179

Trp Phe Ser Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1180

<211> 11

peptide

<400> 1180

Trp Phe Ser Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1181

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1181

Trp Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1182

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1182

Trp Phe Ser Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1183

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1183

Trp Phe Ser Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1184

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1184

Trp Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1185

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1185

Trp Phe Ser Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1186

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1186

Trp Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1187

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1187

Trp Phe Thr Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1188

<211> 11

<212> PRT

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<220>

1 5 10

<210> 1189

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1189

Trp Phe Thr Ser Pro Ser Met Trp Glu Asn Leu

1 5 10

<210> 1190

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1190

Trp Phe Thr Ser Pro Ser Phe Pro Glu Asn Leu

1 5 10

<210> 1191

<211> 11

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<400> 1191

Trp Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu

1 5 10

<210> 1192

<211> 11

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<210> 1193
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 peptide

<400> 1193
 Trp Phe Thr Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1194
 <211> 11
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<220>
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<400> 1194
 Trp Phe Thr Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1195
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 <212> PRT
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<220>
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 peptide

<400> 1195
 Trp Phe Thr Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1196
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1196

<211> 11
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<220>
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 peptide

<400> 1197
 Trp Phe Thr Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1198
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1198
 Trp Phe Thr Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1199
 <211> 11
 <212> PRT
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<220>
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<400> 1199
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 1 5 10

<210> 1200
 <211> 11
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<220>
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<400> 1200
 Trp Phe Thr Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1201

Trp Phe Thr Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1202

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1202

Trp Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1203

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1203

Trp Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 1204

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1204

Trp Phe Thr Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1205

Trp	Phe	Thr	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 1206

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1206

Pro	Ser	Asn	Trp	Phe	Thr	Ser	Pro	Glu	Asn	Leu
1				5					10	

<210> 1207

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1207

Trp	Phe	Thr	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 1208

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1208

Trp	Phe	Thr	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1209

<211> 11

<212> PRT

<213> Artificial Sequence

peptide

<400> 1209

Trp	Phe	Thr	Ser	Pro	Ser	Asn	Trp	Glu	Asn	Leu
1				5					10	

<210> 1210

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1210

Trp	Phe	Thr	Ser	Pro	Ser	Gln	Pro	Glu	Asn	Leu
1				5					10	

<210> 1211

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1211

Trp	Phe	Thr	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
1				5					10	

<210> 1212

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1212

Trp	Phe	Thr	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1213

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1213

Trp Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1214

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1214

Trp Phe Thr Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1215

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1215

Trp Phe Thr Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1216

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1216

Trp Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
1 5 10

<210> 1217

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<210> 1218

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1218

Trp Phe His Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1219

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1219

Trp Phe His Ser Pro Ser Met Phe Glu Asn Leu

1

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<210> 1220

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1220

Trp Phe His Ser Pro Ser Met Tyr Glu Asn Leu

1

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<210> 1221

<211> 11

<212> PRT

<213> Artificial Sequence

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<210> 1222
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<220>
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 peptide

<400> 1222
 Trp Phe His Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1223
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1223
 Trp Phe His Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1224
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1224
 Trp Phe His Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1225
 <211> 11
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<220>
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<400> 1225

<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1226

Trp Phe His Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1227

<211> 11
 <212> PRT
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1227

Trp Phe His Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1228

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1228

Trp Phe His Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1229

<211> 11
 <212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1229

Trp Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1230

Trp Phe His Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1231

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1231

Trp Phe His Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1232

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1232

Trp Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 1233

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1233

Trp Phe His Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1234

Trp Phe His Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1235

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1235

Trp Phe His Ser Pro Ser Glu Phe Glu Asn Leu
- 5 10

<210> 1236

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1236

Trp Phe His Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1237

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1237

Trp Phe His Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1238

<211> 11

peptide

<400> 1238

Trp	Phe	His	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
1				5					10	

<210> 1239

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1239

Trp	Phe	His	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 1240

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1240

Trp	Phe	His	Ser	Pro	Ser	Asn	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1241

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1241

Trp	Phe	His	Ser	Pro	Ser	Asn	Trp	Glu	Asn	Leu
1				5					10	

<210> 1242

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1242

Trp Phe His Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1243

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1243

Trp Phe His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1244

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1244

Trp Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1245

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1245

Trp Phe His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1246

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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5

10

<210> 1247

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1247

Trp Phe His Ser Pro Ser His Phe Glu Asn Leu

1

5

10

<210> 1248

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1248

Trp Phe His Ser Pro Ser His Tyr Glu Asn Leu

1

5

10

<210> 1249

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1249

Trp Phe His Ser Pro Ser His Trp Glu Asn Leu

1

5

10

<210> 1150

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1251
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1251
 Trp Phe Asn Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1252
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1252
 Trp Phe Asn Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1253
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1253
 Trp Phe Asn Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1254
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1254

<211> 11
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<220>
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 peptide

<400> 1255
 Trp Phe Asn Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1256
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1256
 Trp Phe Asn Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1257
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1257
 Trp Phe Asn Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1258
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1258
 Trp Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1259

Trp Phe Asn Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1260

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1260

Trp Phe Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1261

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1261

Trp Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1262

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1262

Trp Phe Asn Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1263

Trp	Phe	Asn	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
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<210> 1264

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1264

Trp	Phe	Asn	Ser	Pro	Ser	Asp	Tyr	Glu	Asn	Leu
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<210> 1265

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1265

Trp	Phe	Asn	Ser	Pro	Ser	Asp	Trp	Glu	Asn	Leu
1				5					10	

<210> 1266

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1266

Trp	Phe	Asn	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
1				5					10	

<210> 1267

<211> 11

peptide

<400> 1267

Trp Phe Asn Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1268

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1268

Trp Phe Asn Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1269

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1269

Trp Phe Asn Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1270

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1270

Trp Phe Asn Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1271

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1271

Trp Phe Asn Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1272

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1272

Trp Phe Asn Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1273

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1273

Trp Phe Asn Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1274

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1274

Trp Phe Asn Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1275

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

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10

<210> 1276

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1276

Trp Phe Asn Ser Pro Ser Gln Tyr Glu Asn Leu

1

5

10

<210> 1277

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1277

Trp Phe Asn Ser Pro Ser Gln Trp Glu Asn Leu

1

5

10

<210> 1278

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1278

Trp Phe Asn Ser Pro Ser His Pro Glu Asn Leu

1

5

10

<210> 1279

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1280
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 <212> PPT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1280
 Trp Phe Asn Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1281
 <211> 11
 <212> PPT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 1281
 Trp Phe Asn Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1282
 <211> 11
 <212> PPT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1282
 Trp Phe Gly Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1283
 <211> 11
 <212> PPT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1283

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1284
 Trp Phe Gly Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1285
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1285
 Trp Phe Gly Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1286
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1286
 Trp Phe Gly Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1287
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1287
 Trp Phe Gly Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1288

Trp Phe Gly Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1289

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1292

Trp Phe Gly Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1290

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1290

Trp Phe Gly Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1291

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1291

Trp Phe Gly Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1292

Trp Phe Gly Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1293

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1293

Trp Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1294

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1294

Trp Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1295

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1295

Trp Phe Gly Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1296

<211> 11

<212> PRT

<213> Artificial Sequence

peptide

<400> 1296

Trp Phe Gly Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1297

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1297

Trp Phe Gly Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1298

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1298

Trp Phe Gly Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1299

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1299

Trp Phe Gly Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1300

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1300

Trp Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1301

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1301

Trp Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1302

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1302

Trp Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1303

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1303

Trp Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1304

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1 5 10

<210> 1305

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1305

Trp Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu

1 5 10

<210> 1306

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1306

Trp Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu

1 5 10

<210> 1307

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1307

Trp Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu

1 5 10

<210> 1308

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1309
 <211> 11
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1309
 Trp Phe Gly Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1310
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1310
 Trp Phe Gly Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1311
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1311
 Trp Phe Gly Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1312
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1312
 Trp Phe Gly Ser Pro Ser His Phe Glu Asn Leu

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1313
 Trp Phe Gly Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1314
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1314
 Trp Phe Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1315
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1315
 Trp Phe Ala Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1316
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1316
 Trp Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1317

Trp Phe Ala Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1318

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1318

Trp Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1319

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1319

Trp Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1320

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1320

Trp Phe Ala Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1321

Trp	Phe	Ala	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 1322

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1322

Trp	Phe	Ala	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1				5					10	

<210> 1323

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1323

Trp	Phe	Ala	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1				5					10	

<210> 1324

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1324

Trp	Phe	Ala	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1325

<211> 11

peptide

<400> 1325
 Trp Phe Ala Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1326
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1326
 Trp Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1327
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1327
 Trp Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1328
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1328
 Trp Phe Ala Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1329
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<400> 1329

Trp Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1330

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1330

Trp Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1331

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1331

Trp Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1332

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1332

Trp Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1333

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1

5

10

<210> 1334

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1334

Trp Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu

1

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10

<210> 1335

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1335

Trp Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu

1

5

10

<210> 1336

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1336

Trp Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu

1

5

10

<210> 1337

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1338
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1338
 Trp Phe Ala Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1339
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1339
 Trp Phe Ala Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1340
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1340
 Trp Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1341
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1341
 Trp Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1342
 Trp Phe Ala Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1343
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1343
 Trp Phe Ala Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1344
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1344
 Trp Phe Ala Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1345
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1345
 Trp Phe Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1346

Met Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1347

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1347

Met Tyr Arg Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1348

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1348

Met Tyr Arg Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1349

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1349

Met Tyr Arg Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1350

Met Tyr Arg Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1351

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1351

Met Tyr Arg Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1352

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1352

Met Tyr Arg Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1353

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1353

Met Tyr Arg Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<210> 1354

<211> 11

peptide

<400> 1354

Met Tyr Arg Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1355

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1355

Met Tyr Arg Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1356

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1356

Met Tyr Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1357

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1357

Met Tyr Arg Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1358

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1358

Met Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1359

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1359

Met Tyr Arg Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1360

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1360

Met Tyr Arg Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1361

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1361

Met Tyr Arg Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1362

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

1 5 10

<210> 1363

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1363

Met Tyr Arg Ser Pro Ser Glu Phe Glu Asn Leu

1 5 10

<210> 1364

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1364

Met Tyr Arg Ser Pro Ser Glu Tyr Glu Asn Leu

1 5 10

<210> 1365

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1365

Met Tyr Arg Ser Pro Ser Glu Trp Glu Asn Leu

1 5 10

<210> 1366

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1367
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 <212> PRT
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<220>
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 peptide

<400> 1367
 Met Tyr Arg Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1368
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1368
 Met Tyr Arg Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1369
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1369
 Met Tyr Arg Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1370
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1370

<211> 11
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<220>
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 peptide

<400> 1371
 Met Tyr Arg Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1372
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1372
 Met Tyr Arg Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1373
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1373
 Met Tyr Arg Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1374
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1374
 Met Tyr Arg Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1375

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1375

Met Tyr Arg Ser Pro Ser His Phe Glu Asn Leu
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<210> 1376

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1376

Met Tyr Arg Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1377

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1377

Met Tyr Arg Ser Pro Ser His Trp Glu Asn Leu
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<210> 1378

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1378

Met Tyr Ser Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

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Met Tyr Ser Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1380
<211> 11
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<220>
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Met Tyr Ser Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1381
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<220>
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peptide

<400> 1381
Met Tyr Ser Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1382
<211> 11
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<220>
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peptide

<400> 1382
Met Tyr Ser Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1383
<211> 11

peptide

<400> 1383

Met Tyr Ser Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1384

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1384

Met Tyr Ser Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1385

<211> 11

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<213> Artificial Sequence

<220>

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<400> 1385

Met Tyr Ser Ser Pro Ser Phe Trp Glu Asn Leu
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<210> 1386

<211> 11

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<400> 1386

Met Tyr Ser Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1387

<211> 11

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<400> 1387

Met Tyr Ser Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1388

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1388

Met Tyr Ser Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1389

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1389

Met Tyr Ser Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<210> 1390

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1390

Met Tyr Ser Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

<210> 1391

<211> 11

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<223> Description of Artificial Sequence: Synthetic

1

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<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1392

Met Tyr Ser Ser Pro Ser Asp Tyr Glu Asn Leu

1

5

10

<210> 1393

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1393

Met Tyr Ser Ser Pro Ser Asp Trp Glu Asn Leu

1

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10

<210> 1394

<211> 11

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Met Tyr Ser Ser Pro Ser Glu Pro Glu Asn Leu

1

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<210> 1395

<211> 11

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<210> 1396
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<400> 1396
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 1 5 10

<210> 1397
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<220>
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 1 5 10

<210> 1398
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<220>
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 1 5 10

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<400> 1399

<211> 11
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<400> 1400
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<210> 1401
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<220>
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 peptide

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 Met Tyr Ser Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1402
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1402
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 1 5 10

<210> 1403
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<220>
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<400> 1403
 Met Tyr Ser Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1404

Met Tyr Ser Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1405

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1405

Met Tyr Ser Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1406

<211> 11

<212> PRT

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<400> 1406

Met Tyr Ser Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1407

<211> 11

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<213> Artificial Sequence

<220>

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<400> 1407

Met Tyr Ser Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1408

Met Tyr Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1409

<211> 11

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<400> 1409

Met Tyr Ser Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1410

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1410

Met Tyr Thr Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1411

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1411

Met Tyr Thr Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1412

<211> 11

peptide

<400> 1412

Met	Tyr	Thr	Ser	Pro	Ser	Met	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1413

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1413

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1				5					10	

<210> 1414

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1414

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
1				5					10	

<210> 1415

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1415

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 1416

<211> 11

<212> PRT

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<400> 1416

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1					5				10	

<210> 1417

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1417

Met	Tyr	Thr	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1					5				10	

<210> 1418

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1418

Met	Tyr	Thr	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1					5				10	

<210> 1419

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1419

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1					5				10	

<210> 1420

<211> 11

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1

5

10

<210> 1421

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1421

Met Tyr Thr Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 1422

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1422

Met Tyr Thr Ser Pro Ser Asp Pro Glu Asn Leu

1

5

10

<210> 1423

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1423

Met Tyr Thr Ser Pro Ser Asp Phe Glu Asn Leu

1

5

10

<210> 1424

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<210> 1425
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 peptide

<400> 1425
 Met Tyr Thr Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1426
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 peptide

<400> 1426
 Met Tyr Thr Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1427
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 peptide

<400> 1427
 Met Tyr Thr Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1428
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<400> 1428

<211> 11
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 peptide

<400> 1429
 Met Tyr Thr Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1430
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 peptide

<400> 1430
 Met Tyr Thr Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1431
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 peptide

<400> 1431
 Met Tyr Thr Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1432
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<220>
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<400> 1432
 Met Tyr Thr Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1433

Met Tyr Thr Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1434

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1434

Met Tyr Thr Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1435

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1435

Met Tyr Thr Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1436

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1436

Met Tyr Thr Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1437

Met Tyr Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1438

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1438

Met Tyr Thr Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1439

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1439

Met Tyr Thr Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1440

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1440

Met Tyr Thr Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1441

<211> 11

peptide

<400> 1441

Met Tyr Thr Ser Pro Ser His Trp Glu Asn Leu
1 5 10

<210> 1442

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1442

Met Tyr His Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1443

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1443

Met Tyr His Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1444

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1444

Met Tyr His Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1445

<211> 11

<212> PRT

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<400> 1445

Met Tyr His Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1446

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1446

Met Tyr His Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1447

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1447

Met Tyr His Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1448

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1448

Met Tyr His Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1449

<211> 11

<212> PRT

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<220>

1 5 10

<210> 1450

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1450

Met Tyr His Ser Pro Ser Tyr Pro Glu Asn Leu

1 5 10

<210> 1451

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1451

Met Tyr His Ser Pro Ser Tyr Phe Glu Asn Leu

1 5 10

<210> 1452

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1452

Met Tyr His Ser Pro Ser Tyr Tyr Glu Asn Leu

1 5 10

<210> 1453

<211> 11

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<213> Artificial Sequence

<220>

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<210> 1454
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<220>
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<400> 1454
 Met Tyr His Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1455
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<400> 1455
 Met Tyr His Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1456
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<400> 1456
 Met Tyr His Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1457
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<400> 1457
 Met Tyr His Ser Pro Ser Asp Tyr Glu Asn Leu

<211> 11
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<220>
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<400> 1458
 Met Tyr His Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1459
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 peptide

<400> 1459
 Met Tyr His Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1460
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 peptide

<400> 1460
 Met Tyr His Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1461
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<400> 1461
 Met Tyr His Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1462

Met Tyr His Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1463

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1463

Met Tyr His Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1464

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1464

Met Tyr His Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1465

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1465

Met Tyr His Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1466

Met Tyr His Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1467

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1467

Met Tyr His Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1468

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1468

Met Tyr His Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1469

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1469

Met Tyr His Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1470

<211> 11

peptide

<400> 1470

Met	Tyr	His	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
1				5					10	

<210> 1471

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1471

Met	Tyr	His	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 1472

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1472

Met	Tyr	His	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1473

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1473

Met	Tyr	His	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
1				5					10	

<210> 1474

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1474

Met Tyr Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1475

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1475

Met Tyr Asn Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1476

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1476

Met Tyr Asn Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1477

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1477

Met Tyr Asn Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1478

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

1 5 10

<210> 1479

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1479

Met Tyr Asn Ser Pro Ser Phe Phe Glu Asn Leu

1 5 10

<210> 1480

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1480

Met Tyr Asn Ser Pro Ser Phe Tyr Glu Asn Leu

1 5 10

<210> 1481

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1481

Met Tyr Asn Ser Pro Ser Phe Trp Glu Asn Leu

1 5 10

<210> 1482

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1483
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 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1483
 Met Tyr Asn Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1484
 <211> 11
 <212> PRT
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<220>
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<400> 1484
 Met Tyr Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1485
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1485
 Met Tyr Asn Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1486
 <211> 11
 <212> PRT
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<220>
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<400> 1486

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1487

Met Tyr Asn Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1488

<211> 11
 <212> PRT
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1488

Met Tyr Asn Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1489

<211> 11
 <212> PRT
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1489

Met Tyr Asn Ser Pro Ser Asp Trp Glu Asn Leu
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<210> 1490

<211> 11
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Met Tyr Asn Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1491

Met Tyr Asn Ser Pro Ser Glu Phe Glu Asn Leu
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<210> 1492

<211> 11

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<210> 1493

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1493

Met Tyr Asn Ser Pro Ser Glu Trp Glu Asn Leu
1 5 10

<210> 1494

<211> 11

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<400> 1494

Met Tyr Asn Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Asn Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1496

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1496

Met Tyr Asn Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1497

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1497

Met Tyr Asn Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1498

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1498

Met Tyr Asn Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1499

<211> 11

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... ..

peptide

<400> 1499

Met	Tyr	Asn	Ser	Pro	Ser	Gln	Phe	Glu	Asn	Leu
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<210> 1500

<211> 11

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Met	Tyr	Asn	Ser	Pro	Ser	Gln	Tyr	Glu	Asn	Leu
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<210> 1501

<211> 11

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Met	Tyr	Asn	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
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<210> 1502

<211> 11

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<210> 1503

<211> 11

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<400> 1503
 Met Tyr Asn Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1504
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<220>
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 Met Tyr Asn Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1505
 <211> 11
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<400> 1505
 Met Tyr Asn Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1506
 <211> 11
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<400> 1506
 Met Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1507
 <211> 11
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1

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<210> 1508

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Gly Ser Pro Ser Met Tyr Glu Asn Leu

1

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10

<210> 1509

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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1

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<210> 1510

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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1

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<210> 1511

<211> 11

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 peptide

<400> 1512
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 peptide

<400> 1513
 Met Tyr Gly Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1514
 <211> 11
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<220>
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<400> 1514
 Met Tyr Gly Ser Pro Ser Tyr Pro Glu Asn Leu
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 peptide

<400> 1515

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1516

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<210> 1517

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<400> 1517

Met Tyr Gly Ser Pro Ser Tyr Trp Glu Asn Leu
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<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1518

Met Tyr Gly Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

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<211> 11
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1519

Met Tyr Gly Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1520

Met Tyr Gly Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<210> 1521

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1521

Met Tyr Gly Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1522

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1522

Met Tyr Gly Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1523

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1523

Met Tyr Gly Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1524

Met	Tyr	Gly	Ser	Pro	Ser	Glu	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1525

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1525

Met	Tyr	Gly	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 1526

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1526

Met	Tyr	Gly	Ser	Pro	Ser	Asn	Pro	Glu	Asn	Leu
1				5					10	

<210> 1527

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1527

Met	Tyr	Gly	Ser	Pro	Ser	Asn	Phe	Glu	Asn	Leu
1				5					10	

<210> 1528

<211> 11

peptide

<400> 1528

Met Tyr Gly Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1529

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1529

Met Tyr Gly Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1530

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Gly Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1531

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1531

Met Tyr Gly Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1532

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1532
Met Tyr Gly Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1533
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peptide

<400> 1533
Met Tyr Gly Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

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<211> 11
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peptide

<400> 1534
Met Tyr Gly Ser Pro Ser His Pro Glu Asn Leu
1 5 10

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<211> 11
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peptide

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Met Tyr Gly Ser Pro Ser His Phe Glu Asn Leu
1 5 10

<210> 1536
<211> 11
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<220>

1 5 10

<210> 1537

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1537

Met Tyr Gly Ser Pro Ser His Trp Glu Asn Leu

1 5 10

<210> 1538

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1538

Met Tyr Ala Ser Pro Ser Met Pro Glu Asn Leu

1 5 10

<210> 1539

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1539

Met Tyr Ala Ser Pro Ser Met Phe Glu Asn Leu

1 5 10

<210> 1540

<211> 11

<212> PRT

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<210> 1541
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 peptide

<400> 1541
 Met Tyr Ala Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1542
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 peptide

<400> 1542
 Met Tyr Ala Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

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 peptide

<400> 1543
 Met Tyr Ala Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1544
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<220>
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 peptide

<400> 1544

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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Ala Ser Pro Ser Phe Trp Glu Asn Leu
      1              5              10
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<220>
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Met Tyr Ala Ser Pro Ser Tyr Pro Glu Asn Leu
      1              5              10
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<210> 1547
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<223> Description of Artificial Sequence: Synthetic
      peptide
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Met Tyr Ala Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1548
Met Tyr Ala Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1549

Met Tyr Ala Ser Pro Ser Tyr Trp Glu Asn Leu
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<210> 1550

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Ala Ser Pro Ser Asp Pro Glu Asn Leu
1 5 10

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<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1551

Met Tyr Ala Ser Pro Ser Asp Phe Glu Asn Leu
1 5 10

<210> 1552

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1552

Met Tyr Ala Ser Pro Ser Asp Tyr Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1553

Met Tyr Ala Ser Pro Ser Asp Trp Glu Asn Leu
1 5 10

<210> 1554

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1554

Met Tyr Ala Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

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<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1555

Met Tyr Ala Ser Pro Ser Glu Phe Glu Asn Leu
1 5 10

<210> 1556

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1556

Met Tyr Ala Ser Pro Ser Glu Tyr Glu Asn Leu
1 5 10

<210> 1557

<211> 11

peptide

<400> 1557

Met Tyr Ala Ser Pro Ser Glu Trp Glu Asn Leu
 1 5 10

<210> 1558

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1558

Met Tyr Ala Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1559

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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 peptide

<400> 1559

Met Tyr Ala Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1560

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1560

Met Tyr Ala Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1561

<211> 11

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<400> 1561
Met Tyr Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

```
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<220>
<223> Description of Artificial Sequence: Synthetic
      peptide
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Met Tyr Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

```
<210> 1563
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<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Met Tyr Ala Ser Pro Ser Gln Phe Glu Asn Leu
      1             5             10
```

```
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```
<220>
<223> Description of Artificial Sequence: Synthetic
      peptide
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<400> 1564
Met Tyr Ala Ser Pro Ser Gln Tyr Glu Asn Leu
 5 10

```
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<212> PRT
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<210> 1566

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1566

Met Tyr Ala Ser Pro Ser His Pro Glu Asn Leu

1

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<210> 1567

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1567

Met Tyr Ala Ser Pro Ser His Phe Glu Asn Leu

1

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<210> 1568

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1568

Met Tyr Ala Ser Pro Ser His Tyr Glu Asn Leu

1

5

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<210> 1569

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1570
 <211> 11
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<220>
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 peptide

<400> 1570
 Met Phe Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1571
 <211> 11
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<220>
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 peptide

<400> 1571
 Met Phe Arg Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1572
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1572
 Met Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1573
 <211> 11
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<220>
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 peptide

<400> 1573
 Met Phe Arg Ser Pro Ser Met Tyr Glu Asn Leu

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1574

Met Phe Arg Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1575

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1575

Met Phe Arg Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<210> 1576

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1576

Met Phe Arg Ser Pro Ser Phe Tyr Glu Asn Leu
1 5 10

<210> 1577

<211> 11
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1577

Met Phe Arg Ser Pro Ser Phe Trp Glu Asn Leu
1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1578

Met Phe Arg Ser Pro Ser Tyr Pro Glu Asn Leu
1 5 10

<210> 1579

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1579

Met Phe Arg Ser Pro Ser Tyr Phe Glu Asn Leu
1 5 10

<210> 1580

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1580

Met Phe Arg Ser Pro Ser Tyr Tyr Glu Asn Leu
1 5 10

<210> 1581

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1581

Met Phe Arg Ser Pro Ser Tyr Trp Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1582

Met Phe Arg Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1583

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1583

Met Phe Arg Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1584

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1584

Met Phe Arg Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1585

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1585

Met Phe Arg Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1586

<211> 11

peptide

<400> 1586

Met	Phe	Arg	Ser	Pro	Ser	Glu	Pro	Glu	Asn	Leu
1				5					10	

<210> 1587

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1587

Met	Phe	Arg	Ser	Pro	Ser	Glu	Phe	Glu	Asn	Leu
1				5					10	

<210> 1588

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1588

Met	Phe	Arg	Ser	Pro	Ser	Glu	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1589

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1589

Met	Phe	Arg	Ser	Pro	Ser	Glu	Trp	Glu	Asn	Leu
1				5					10	

<210> 1590

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1590

Met Phe Arg Ser Pro Ser Asn Pro Glu Asn Leu
 1 5 10

<210> 1591

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1591

Met Phe Arg Ser Pro Ser Asn Phe Glu Asn Leu
 1 5 10

<210> 1592

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1592

Met Phe Arg Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<210> 1593

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1593

Met Phe Arg Ser Pro Ser Asn Trp Glu Asn Leu
 1 5 10

<210> 1594

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

1

5

10

<210> 1595

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1595

Met Phe Arg Ser Pro Ser Gln Phe Glu Asn Leu

1

5

10

<210> 1596

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1596

Met Phe Arg Ser Pro Ser Gln Tyr Glu Asn Leu

1

5

10

<210> 1597

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1597

Met Phe Arg Ser Pro Ser Gln Trp Glu Asn Leu

1

5

10

<210> 1598

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1599
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 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1599
 Met Phe Arg Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1600
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1600
 Met Phe Arg Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1601
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1601
 Met Phe Arg Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1602
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<400> 1602

<211> 11
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<220>
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<210> 1604
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<220>
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 Met Phe Ser Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1605
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<220>
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 Met Phe Ser Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1606
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<220>
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<400> 1606
 Met Phe Ser Ser Pro Ser Phe Pro Glu Asn Leu
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1607

Met Phe Ser Ser Pro Ser Phe Phe Glu Asn Leu
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<210> 1608

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Ser Ser Pro Ser Phe Tyr Glu Asn Leu
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<210> 1609

<211> 11

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Met Phe Ser Ser Pro Ser Phe Trp Glu Asn Leu
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<400> 1610

Met Phe Ser Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<220>
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<400> 1611
 Met Phe Ser Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1612
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<220>
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<400> 1612
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 1 5 10

<210> 1613
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<210> 1614
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<210> 1615
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peptide

<400> 1615

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<210> 1616

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<210> 1617

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<400> 1617

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<210> 1618

<211> 11

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<400> 1618

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<210> 1619

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<400> 1619

Met Phe Ser Ser Pro Ser Glu Phe Glu Asn Leu
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<210> 1620

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Ser Ser Pro Ser Glu Tyr Glu Asn Leu
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<210> 1621

<211> 11

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<400> 1621

Met Phe Ser Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 1622

<211> 11

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<211> 11

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<210> 1624

<211> 11

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<210> 1625

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

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Met Phe Ser Ser Pro Ser Asn Trp Glu Asn Leu

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<210> 1626

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1626

Met Phe Ser Ser Pro Ser Gln Pro Glu Asn Leu

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<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1628
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<220>
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peptide

<400> 1628
Met Phe Ser Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1629
<211> 11
<212> PRT
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<220>
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peptide

<400> 1629
Met Phe Ser Ser Pro Ser Gln Trp Glu Asn Leu
1 5 10

<210> 1630
<211> 11
<212> PRT
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<220>
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peptide

<400> 1630
Met Phe Ser Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1631
<211> 11
<212> PRT
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<220>
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peptide

<400> 1631

<211> 11
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<220>
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 peptide

<400> 1632
 Met Phe Ser Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1633
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 1633
 Met Phe Ser Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1634
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1634
 Met Phe Thr Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1635
 <211> 11
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<220>
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<400> 1635
 Met Phe Thr Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1636

Met Phe Thr Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1637

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1637

Met Phe Thr Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1638

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1638

Met Phe Thr Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1639

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1639

Met Phe Thr Ser Pro Ser Phe Phe Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1640

Met Phe Thr Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1641

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1641

Met Phe Thr Ser Pro Ser Phe Trp Glu Asn Leu
 1 5 10

<210> 1642

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1642

Met Phe Thr Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1643

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1643

Met Phe Thr Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1644

<211> 11

peptide

<400> 1644

Met	Phe	Thr	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1645

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1645

Met	Phe	Thr	Ser	Pro	Ser	Tyr	Trp	Glu	Asn	Leu
1				5					10	

<210> 1646

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1646

Met	Phe	Thr	Ser	Pro	Ser	Asp	Pro	Glu	Asn	Leu
1				5					10	

<210> 1647

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1647

Met	Phe	Thr	Ser	Pro	Ser	Asp	Phe	Glu	Asn	Leu
1				5					10	

<210> 1648

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1648
 Met Phe Thr Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1649
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1649
 Met Phe Thr Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1650
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1650
 Met Phe Thr Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1651
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<220>
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 peptide

<400> 1651
 Met Phe Thr Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1652
 <211> 11
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<220>

400

1

5

10

<210> 1653

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1653

Met Phe Thr Ser Pro Ser Glu Trp Glu Asn Leu

1

5

10

<210> 1654

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Thr Ser Pro Ser Asn Pro Glu Asn Leu

1

5

10

<210> 1655

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1655

Met Phe Thr Ser Pro Ser Asn Phe Glu Asn Leu

1

5

10

<210> 1656

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<210> 1657
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<220>
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peptide

<400> 1657
Met Phe Thr Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1658
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<212> PRT
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<220>
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peptide

<400> 1658
Met Phe Thr Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1659
<211> 11
<212> PRT
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<220>
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peptide

<400> 1659
Met Phe Thr Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1660
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<220>
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peptide

<400> 1660

<211> 11
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<220>
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 peptide

<400> 1661
 Met Phe Thr Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<210> 1662
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 <212> PRT
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<220>
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 peptide

<400> 1662
 Met Phe Thr Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1663
 <211> 11
 <212> PRT
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<220>
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 peptide

<400> 1663
 Met Phe Thr Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1664
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<220>
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 peptide

<400> 1664
 Met Phe Thr Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1665

Met Phe Thr Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1666

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1666

Met Phe His Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1667

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1667

Met Phe His Ser Pro Ser Met Phe Glu Asn Leu
 1 5 10

<210> 1668

<211> 11

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<400> 1668

Met Phe His Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1669

Met Phe His Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1670

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1670

Met Phe His Ser Pro Ser Phe Pro Glu Asn Leu
 1 5 10

<210> 1671

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1671

Met Phe His Ser Pro Ser Phe Phe Glu Asn Leu
 1 5 10

<210> 1672

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1672

Met Phe His Ser Pro Ser Phe Tyr Glu Asn Leu
 1 5 10

<210> 1673

<211> 11

peptide

<400> 1673

Met	Phe	His	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1					5				10	

<210> 1674

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1674

Met	Phe	His	Ser	Pro	Ser	Tyr	Pro	Glu	Asn	Leu
1					5				10	

<210> 1675

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1675

Met	Phe	His	Ser	Pro	Ser	Tyr	Phe	Glu	Asn	Leu
1					5				10	

<210> 1676

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1676

Met	Phe	His	Ser	Pro	Ser	Tyr	Tyr	Glu	Asn	Leu
1					5				10	

<210> 1677

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1677

Met Phe His Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1678

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1678

Met Phe His Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1679

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1679

Met Phe His Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1680

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1680

Met Phe His Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

<210> 1681

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

Met Phe His Ser Pro Ser Asp Tyr Glu Asn Leu

1 5 10

<210> 1682

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1682

Met Phe His Ser Pro Ser Glu Pro Glu Asn Leu

1 5 10

<210> 1683

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1683

Met Phe His Ser Pro Ser Glu Phe Glu Asn Leu

1 5 10

<210> 1684

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1684

Met Phe His Ser Pro Ser Glu Tyr Glu Asn Leu

1 5 10

<210> 1685

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1686
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<220>
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peptide

<400> 1686
Met Phe His Ser Pro Ser Asn Pro Glu Asn Leu
1 5 10

<210> 1687
<211> 11
<212> PRT
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<220>
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peptide

<400> 1687
Met Phe His Ser Pro Ser Asn Phe Glu Asn Leu
1 5 10

<210> 1688
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1688
Met Phe His Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1689
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1689

<211> 11
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<220>
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 peptide

<400> 1690
 Met Phe His Ser Pro Ser Gln Pro Glu Asn Leu
 1 5 10

<210> 1691
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1691
 Met Phe His Ser Pro Ser Gln Phe Glu Asn Leu
 1 5 10

<210> 1692
 <211> 11
 <212> PRT
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1692
 Met Phe His Ser Pro Ser Gln Tyr Glu Asn Leu
 1 5 10

<210> 1693
 <211> 11
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1693
 Met Phe His Ser Pro Ser Gln Trp Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1694

Met Phe His Ser Pro Ser His Pro Glu Asn Leu
 1 5 10

<210> 1695

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1695

Met Phe His Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

<210> 1696

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1696

Met Phe His Ser Pro Ser His Tyr Glu Asn Leu
 1 5 10

<210> 1697

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1697

Met Phe His Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1698

Met Phe Asn Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1699

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1699

Met Phe Asn Ser Pro Ser Met Phe Glu Asn Leu
1 5 10

<210> 1700

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1700

Met Phe Asn Ser Pro Ser Met Tyr Glu Asn Leu
1 5 10

<210> 1701

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1701

Met Phe Asn Ser Pro Ser Met Trp Glu Asn Leu
1 5 10

<210> 1702

<211> 11

peptide

<400> 1702

Met	Phe	Asn	Ser	Pro	Ser	Phe	Pro	Glu	Asn	Leu
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<210> 1703

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1703

Met	Phe	Asn	Ser	Pro	Ser	Phe	Phe	Glu	Asn	Leu
1				5					10	

<210> 1704

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1704

Met	Phe	Asn	Ser	Pro	Ser	Phe	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1705

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1705

Met	Phe	Asn	Ser	Pro	Ser	Phe	Trp	Glu	Asn	Leu
1				5					10	

<210> 1706

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1706

Met Phe Asn Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1707

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1707

Met Phe Asn Ser Pro Ser Tyr Phe Glu Asn Leu
 1 5 10

<210> 1708

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1708

Met Phe Asn Ser Pro Ser Tyr Tyr Glu Asn Leu
 1 5 10

<210> 1709

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1709

Met Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1710

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

Met Phe Asn Ser Pro Ser Tyr Trp Glu Asn Leu

1

5

10

<210> 1711

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1711

Met Phe Asn Ser Pro Ser Asp Phe Glu Asn Leu

1

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10

<210> 1712

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1712

Met Phe Asn Ser Pro Ser Asp Tyr Glu Asn Leu

1

5

10

<210> 1713

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1713

Met Phe Asn Ser Pro Ser Asp Trp Glu Asn Leu

1

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1723

Met Phe Asn Ser Pro Ser Gln Phe Glu Asn Leu
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<210> 1724

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Asn Ser Pro Ser Gln Trp Glu Asn Leu
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<223> Description of Artificial Sequence: Synthetic peptide

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1727

Met Phe Asn Ser Pro Ser His Phe Glu Asn Leu
 1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Asn Ser Pro Ser His Tyr Glu Asn Leu
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Met Phe Asn Ser Pro Ser His Trp Glu Asn Leu
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<210> 1730

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Met Phe Gly Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1731

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peptide

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<400> 1734

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 Met Phe Gly Ser Pro Ser Phe Tyr Glu Asn Leu
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<210> 1741

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Met Phe Gly Ser Pro Ser Tyr Trp Glu Asn Leu

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<223> Description of Artificial Sequence: Synthetic
peptide

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Met Phe Gly Ser Pro Ser Asp Pro Glu Asn Leu

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1744
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 peptide

<400> 1744
 Met Phe Gly Ser Pro Ser Asp Tyr Glu Asn Leu
 1 5 10

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 peptide

<400> 1745
 Met Phe Gly Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

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 peptide

<400> 1746
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 1 5 10

<210> 1747
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<400> 1747

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1748

Met Phe Gly Ser Pro Ser Glu Tyr Glu Asn Leu
 1 5 10

<210> 1749

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Gly Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 1750

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1750

Met Phe Gly Ser Pro Ser Asn Pro Glu Asn Leu
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1751

Met Phe Gly Ser Pro Ser Asn Phe Glu Asn Leu
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1752

Met Phe Gly Ser Pro Ser Asn Tyr Glu Asn Leu
1 5 10

<210> 1753

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1753

Met Phe Gly Ser Pro Ser Asn Trp Glu Asn Leu
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<210> 1754

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1754

Met Phe Gly Ser Pro Ser Gln Pro Glu Asn Leu
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<210> 1755

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1755

Met Phe Gly Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1756

Met Phe Gly Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1757

Met Phe Gly Ser Pro Ser Gln Trp Glu Asn Leu
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<210> 1758

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Met Phe Gly Ser Pro Ser His Pro Glu Asn Leu
1 5 10

<210> 1759

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1759

Met Phe Gly Ser Pro Ser His Phe Glu Asn Leu
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<210> 1760

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peptide

<400> 1760

Met	Phe	Gly	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1761

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1761

Met	Phe	Gly	Ser	Pro	Ser	His	Trp	Glu	Asn	Leu
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<210> 1762

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1762

Met	Phe	Ala	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1763

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1763

Met	Phe	Ala	Ser	Pro	Ser	Met	Phe	Glu	Asn	Leu
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<210> 1764

<211> 11

<212> PRT

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Met Phe Ala Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1765

<211> 11

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1765

Met Phe Ala Ser Pro Ser Met Trp Glu Asn Leu
 1 5 10

<210> 1766

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1766

Met Phe Ala Ser Pro Ser Phe Pro Glu Asn Leu
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<210> 1767

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Met Phe Ala Ser Pro Ser Phe Phe Glu Asn Leu
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<210> 1768

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<210> 1769
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<400> 1769
 Met Phe Ala Ser Pro Ser Phe Trp Glu Asn Leu
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<210> 1770
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 Met Phe Ala Ser Pro Ser Tyr Pro Glu Asn Leu
 1 5 10

<210> 1771
 <211> 11
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 Met Phe Ala Ser Pro Ser Tyr Phe Glu Asn Leu
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<210> 1773
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<400> 1773
 Met Phe Ala Ser Pro Ser Tyr Trp Glu Asn Leu
 1 5 10

<210> 1774
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 peptide

<400> 1774
 Met Phe Ala Ser Pro Ser Asp Pro Glu Asn Leu
 1 5 10

<210> 1775
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 Met Phe Ala Ser Pro Ser Asp Phe Glu Asn Leu
 1 5 10

<210> 1776
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<400> 1776

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<400> 1777
 Met Phe Ala Ser Pro Ser Asp Trp Glu Asn Leu
 1 5 10

<210> 1778
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 peptide

<400> 1778
 Met Phe Ala Ser Pro Ser Glu Pro Glu Asn Leu
 1 5 10

<210> 1779
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<400> 1779
 Met Phe Ala Ser Pro Ser Glu Phe Glu Asn Leu
 1 5 10

<210> 1780
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<400> 1780
 Met Phe Ala Ser Pro Ser Glu Tyr Glu Asn Leu
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<400> 1781

Met Phe Ala Ser Pro Ser Glu Trp Glu Asn Leu
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<210> 1782

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<400> 1782

Met Phe Ala Ser Pro Ser Asn Pro Glu Asn Leu
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<210> 1783

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<400> 1783

Met Phe Ala Ser Pro Ser Asn Phe Glu Asn Leu
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<210> 1784

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<212> FRT

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<400> 1784

Met Phe Ala Ser Pro Ser Asn Tyr Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1785

Met Phe Ala Ser Pro Ser Asn Trp Glu Asn Leu
1 5 10

<210> 1786

<211> 11

<212> PRT

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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1786

Met Phe Ala Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1787

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1787

Met Phe Ala Ser Pro Ser Gln Phe Glu Asn Leu
1 5 10

<210> 1788

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1788

Met Phe Ala Ser Pro Ser Gln Tyr Glu Asn Leu
1 5 10

<210> 1789

<211> 11

peptide

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Met	Phe	Ala	Ser	Pro	Ser	Gln	Trp	Glu	Asn	Leu
1				5					10	

<210> 1790

<211> 11

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<220>

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<400> 1790

Met	Phe	Ala	Ser	Pro	Ser	His	Pro	Glu	Asn	Leu
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1791

Met	Phe	Ala	Ser	Pro	Ser	His	Phe	Glu	Asn	Leu
1				5					10	

<210> 1792

<211> 11

<212> PRT

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<220>

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<400> 1792

Met	Phe	Ala	Ser	Pro	Ser	His	Tyr	Glu	Asn	Leu
1				5					10	

<210> 1793

<211> 11

<212> PRT

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<400> 1793

Met Phe Ala Ser Pro Ser His Trp Glu Asn Leu
 1 5 10

<210> 1794

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
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<400> 1794

Arg Tyr Ser Leu Pro Pro Glu Leu Ser Asn Met
 1 5 10

<210> 1795

<211> 11

<212> PRT

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<400> 1795

Ala Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1796

<211> 11

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 peptide

<400> 1796

Arg Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1797

<211> 11

<212> PRT

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<210> 1798

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Asp Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1799

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peptide

<400> 1799

Cys Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1800

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1800

Gln Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1801

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1802
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<220>
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 peptide

<400> 1802
 Gly Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1803
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<220>
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<400> 1803
 His Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1804
 <211> 11
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<400> 1804
 Ile Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1805
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<220>
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<400> 1805

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Lys Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<213> Artificial Sequence

<223> Description of Artificial Sequence: Synthetic peptide

Met Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<213> Artificial Sequence

<223> Description of Artificial Sequence: Synthetic peptide

Phe Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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4.1.3 Artificial Sequence

<223> Description of Artificial Sequence: Synthetic peptide

Pro Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1810

Ser Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1811

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1811

Thr Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1812

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1812

Trp Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1813

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1813

Tyr Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1814

Val Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1815

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1815

Leu Ala Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1816

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1816

Leu Arg Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1817

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Asn Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1818

<211> 11

peptide

<400> 1818

Leu	Asp	Arg	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1819

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peptide

<400> 1819

Leu	Cys	Arg	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1820

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1820

Leu	Gln	Arg	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1821

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<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1821

Leu	Glu	Arg	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1822

<211> 11

<212> PRT

<213> Artificial Sequence

<400> 1822

Leu Gly Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1823

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1823

Leu His Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1824

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1824

Leu Ile Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1825

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1825

Leu Leu Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1826

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<220>

Sequence Analysis of the Protein

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<210> 1827

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1827

Leu Met Arg Ser Pro Ser Met Pro Glu Asn Leu

1

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<210> 1828

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1828

Leu Phe Arg Ser Pro Ser Met Pro Glu Asn Leu

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<210> 1829

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1829

Leu Pro Arg Ser Pro Ser Met Pro Glu Asn Leu

1

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<210> 1830

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1831
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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1831
Leu Thr Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1832
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1832
Leu Trp Arg Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1833
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1833
Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1834
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1834

<211> 11
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 peptide

<400> 1835
 Leu Tyr Ala Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1836
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<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1836
 Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1837
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<220>
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<400> 1837
 Leu Tyr Asn Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1838
 <211> 11
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<220>
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<400> 1838
 Leu Tyr Asp Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1839

Leu Tyr Cys Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1840

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1840

Leu Tyr Gln Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1841

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Tyr Glu Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1842

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Tyr Gly Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1843

Leu Tyr His Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1844

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

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Leu Tyr Ile Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1845

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1845

Leu Tyr Leu Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1846

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1846

Leu Tyr Lys Ser Pro Ser Met Pro Glu Asn Leu
1 5 10

<210> 1847

<211> 11

peptide

<400> 1847

Leu	Tyr	Met	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1848

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<400> 1848

Leu	Tyr	Phe	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
1					5				10	

<210> 1849

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1849

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<210> 1850

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1850

Leu	Tyr	Ser	Ser	Pro	Ser	Met	Pro	Glu	Asn	Leu
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<210> 1851

<211> 11

<212> PRT

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<400> 1851

Leu Tyr Thr Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1852

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1852

Leu Tyr Trp Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1853

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1853

Leu Tyr Tyr Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1854

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1854

Leu Tyr Val Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1855

<211> 11

<212> PRT

<213> Artificial Sequence

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1

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<210> 1856

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1856

Leu Tyr Arg Ser Pro Ser Arg Pro Glu Asn Leu

1

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<210> 1857

<211> 11

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peptide

<400> 1857

Leu Tyr Arg Ser Pro Ser Asn Pro Glu Asn Leu

1

5

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<210> 1858

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1858

Leu Tyr Arg Ser Pro Ser Asp Pro Glu Asn Leu

1

5

10

<210> 1859

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1860
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1860
Leu Tyr Arg Ser Pro Ser Gln Pro Glu Asn Leu
1 5 10

<210> 1861
<211> 11
<212> PRT
<213> Artificial Sequence

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peptide

<400> 1861
Leu Tyr Arg Ser Pro Ser Glu Pro Glu Asn Leu
1 5 10

<210> 1862
<211> 11
<212> PRT
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peptide

<400> 1862
Leu Tyr Arg Ser Pro Ser Gly Pro Glu Asn Leu
1 5 10

<210> 1863
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<212> PRT
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peptide

<400> 1863

<211> 11
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1864
 Leu Tyr Arg Ser Pro Ser Ile Pro Glu Asn Leu
 1 5 10

<210> 1865
 <211> 11
 <212> PRT
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 peptide

<400> 1865
 Leu Tyr Arg Ser Pro Ser Leu Pro Glu Asn Leu
 1 5 10

<210> 1866
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 <212> PRT
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<400> 1866
 Leu Tyr Arg Ser Pro Ser Lys Pro Glu Asn Leu
 1 5 10

<210> 1867
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 1867
 Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1868

Leu Tyr Arg Ser Pro Ser Phe Pro Glu Asn Leu
1 5 10

<210> 1869

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1869

Leu Tyr Arg Ser Pro Ser Pro Pro Glu Asn Leu
1 5 10

<210> 1870

<211> 11

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1870

Leu Tyr Arg Ser Pro Ser Ser Pro Glu Asn Leu
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<210> 1871

<211> 11

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1871

Leu Tyr Arg Ser Pro Ser Thr Pro Glu Asn Leu
1 5 10

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1872

Leu Tyr Arg Ser Pro Ser Trp Pro Glu Asn Leu
1 5 10

<210> 1873

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1873

Leu Tyr Arg Ser Pro Ser Tyr Pro Glu Asn Leu
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<210> 1874

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1874

Leu Tyr Arg Ser Pro Ser Val Pro Glu Asn Leu
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<210> 1875

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1875

Leu Tyr Arg Ser Pro Ser Met Ala Glu Asn Leu
1 5 10

<210> 1876

<211> 11

peptide

<400> 1876

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Arg	Glu	Asn	Leu
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<210> 1877

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1877

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Asn	Glu	Asn	Leu
1					5					10

<210> 1878

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1878

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Asp	Glu	Asn	Leu
1					5					10

<210> 1879

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1879

Leu	Tyr	Arg	Ser	Pro	Ser	Met	Cys	Glu	Asn	Leu
1					5					10

<210> 1880

<211> 11

<212> PRT

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<400> 1880

Leu Tyr Arg Ser Pro Ser Met Gln Glu Asn Leu
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<210> 1881

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
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<400> 1881

Leu Tyr Arg Ser Pro Ser Met Glu Glu Asn Leu
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<210> 1882

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
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<400> 1882

Leu Tyr Arg Ser Pro Ser Met Gly Glu Asn Leu
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<210> 1883

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1883

Leu Tyr Arg Ser Pro Ser Met His Glu Asn Leu
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<210> 1884

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

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10

<210> 1885

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1885

Leu Tyr Arg Ser Pro Ser Met Leu Glu Asn Leu

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<210> 1886

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1886

Leu Tyr Arg Ser Pro Ser Met Lys Glu Asn Leu

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<210> 1887

<211> 11

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 1887

Leu Tyr Arg Ser Pro Ser Met Met Glu Asn Leu

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5

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<210> 1888

<211> 11

<212> PRT

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<223> Description of Artificial Sequence: Synthetic
peptide

<210> 1889
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<400> 1889
Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
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<210> 1890
<211> 11
<212> PRT
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<400> 1890
Leu Tyr Arg Ser Pro Ser Met Ser Glu Asn Leu
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<210> 1891
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<400> 1891
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<210> 1892
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<400> 1892

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<400> 1893
 Leu Tyr Arg Ser Pro Ser Met Tyr Glu Asn Leu
 1 5 10

<210> 1894
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 1894
 Leu Tyr Arg Ser Pro Ser Met Val Glu Asn Leu
 1 5 10

<210> 1895
 <211> 9
 <212> PRT
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<400> 1895
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<210> 1896
 <211> 11
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 1896
 Leu Ala Arg Ser Ala Ser Met Pro Glu Ala Leu
 1 5 10

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1897

Leu Tyr Arg Ser Pro Ala Met Pro Glu Asn Leu
1 5 10

<210> 1898

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 1898

Trp Tyr Arg Ser Pro Ser Tyr Tyr
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<210> 1899

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1899

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 1900

<211> 2055

<212> DNA

<213> Homo sapiens

<400> 1900

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ggcaaatttc ttggtgatto tgcaaaccta agcattttgt ctggaggaa cccaaaatgt 420
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<210> 1901

<211> 472

<212> PRT

<213> Homo sapiens

<400> 1901

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Met Ser Thr Glu Leu Phe Ser Ser Thr Arg Glu Glu Gly Ser Ser Gly
  1                      5                      10                      15

```

```

Ser Gly Pro Ser Phe Arg Ser Asn Gln Arg Lys Met Leu Asn Leu Leu
          20                      25                      30

```

```

Leu Glu Arg Asp Thr Ser Phe Thr Val Cys Pro Asp Val Pro Arg Thr
          35                      40                      45

```

```

Pro Val Gly Lys Phe Leu Gly Asp Ser Ala Asn Leu Ser Ile Leu Ser
          50                      55                      60

```

```

Gly Gly Thr Pro Lys Cys Cys Leu Asp Leu Ser Asn Leu Ser Ser Gly
          65                      70                      75                      80

```

```

Glu Ile Thr Ala Thr Gln Leu Thr Thr Ser Ala Asp Leu Asp Glu Thr
          85                      90                      95

```

```

Gly His Leu Asp Ser Ser Leu Gln Glu Val His Leu Ala Gly Met Asn
          100                      105                      110

```

```

His Asp Gln His Leu Met Lys Cys Ser Pro Ala Gln Leu Leu Cys Ser
          115                      120                      125

```


145		150		155		160
Glu Met Lys Tyr Leu Gly Ser Pro Ile Thr Thr Val Pro Lys Leu Asp						
	165			170		175
Lys Asn Pro Asn Leu Gly Glu Asp Gln Ala Glu Glu Ile Ser Asp Glu						
	180		185			190
Leu Met Glu Phe Ser Leu Lys Asp Gln Glu Ala Lys Val Ser Arg Ser						
	195		200			205
Gly Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu Asn Arg Pro Arg						
	210		215			220
Leu Lys Gln Val Glu Lys Phe Lys Asp Asn Thr Ile Pro Asp Lys Val						
	225		230		235	240
Lys Lys Lys Tyr Phe Ser Gly Gln Gly Lys Leu Arg Lys Gly Leu Cys						
	245			250		255
Leu Lys Lys Thr Val Ser Leu Cys Asp Ile Thr Ile Thr Gln Met Leu						
	260		265			270
Glu Glu Asp Ser Asn Gln Gly His Leu Ile Gly Asp Phe Ser Lys Val						
	275		280			285
Cys Ala Leu Pro Thr Val Ser Gly Lys His Gln Asp Leu Lys Tyr Val						
	290		295			300
Asn Pro Glu Thr Val Ala Ala Leu Leu Ser Gly Lys Phe Gln Gly Leu						
	305		310		315	320
Ile Glu Lys Phe Tyr Val Ile Asp Cys Arg Tyr Pro Tyr Glu Tyr Leu						
	325			330		335
Gly Gly His Ile Gln Gly Ala Leu Asn Leu Tyr Ser Gln Glu Glu Leu						
	340		345			350
Phe Asn Phe Phe Leu Lys Lys Pro Ile Val Pro Leu Asp Thr Gln Lys						
	355		360			365
Arg Ile Ile Ile Val Phe His Cys Glu Phe Ser Ser Glu Arg Gly Pro						
	370		375			380
Arg Met Cys Arg Cys Leu Arg Glu Glu Asp Arg Ser Leu Asn Gln Tyr						
	385		390		395	400
Pro Ala Leu Tyr Tyr Pro Glu Leu Tyr Ile Leu Lys Gly Gly Tyr Arg						
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Asp Phe Phe Pro Glu Tyr Met Glu Leu Cys Glu Pro Gln Ser Tyr Cys						
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Leu Leu Val Lys Asp Met Ser Pro
465 470

<210> 1902
<211> 476
<212> PRT
<213> Homo sapiens

<400> 1902
Met Ala Val Pro Phe Val Glu Asp Trp Asp Leu Val Gln Thr Leu Gly
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20 25 30
Glu Ala Val Ala Val Lys Ile Val Asp Met Lys Arg Ala Val Asp Cys
35 40 45
Pro Glu Asn Ile Lys Lys Glu Ile Cys Ile Asn Lys Met Leu Asn His
50 55 60
Glu Asn Val Val Lys Phe Tyr Gly His Arg Arg Glu Gly Asn Ile Gln
65 70 75 80
Tyr Leu Phe Leu Glu Tyr Cys Ser Gly Gly Glu Leu Phe Asp Arg Ile
85 90 95
Glu Pro Asp Ile Gly Met Pro Glu Pro Asp Ala Gln Arg Phe Phe His
100 105 110
Gln Leu Met Ala Gly Val Val Tyr Leu His Gly Ile Gly Ile Thr His
115 120 125
Arg Asp Ile Lys Pro Glu Asn Leu Leu Leu Asp Glu Arg Asp Asn Leu
130 135 140
Lys Ile Ser Asp Phe Gly Leu Ala Thr Val Phe Arg Tyr Asn Asn Arg
145 150 155 160
Glu Arg Leu Leu Asn Lys Met Cys Gly Thr Leu Pro Tyr Val Ala Pro
165 170 175
Glu Leu Leu Lys Arg Arg Glu Phe His Ala Glu Pro Val Asp Val Trp
180 185 190
Ser Cys Gly Ile Val Leu Thr Ala Met Leu Ala Gly Glu Leu Pro Trp
195 200 205
Asp Gln Pro Ser Asp Ser Cys Gln Glu Tyr Ser Asp Trp Lys Glu Lys
210 215 220

Pro Asp Ile Lys Lys Asp Arg Trp Tyr Asn Lys Pro Leu Lys Lys Gly
 260 265 270
 Ala Lys Arg Pro Arg Val Thr Ser Gly Gly Val Ser Glu Ser Pro Ser
 275 280 285
 Gly Phe Ser Lys His Ile Gln Ser Asn Leu Asp Phe Ser Pro Val Asn
 290 295 300
 Ser Ala Ser Ser Glu Glu Asn Val Lys Tyr Ser Ser Ser Gln Pro Glu
 305 310 315 320
 Pro Arg Thr Gly Leu Ser Leu Trp Asp Thr Ser Pro Ser Tyr Ile Asp
 325 330 335
 Lys Leu Val Gln Gly Ile Ser Phe Ser Gln Pro Thr Cys Pro Asp His
 340 345 350
 Met Leu Leu Asn Ser Gln Leu Leu Gly Thr Pro Gly Ser Ser Gln Asn
 355 360 365
 Pro Trp Gln Arg Leu Val Lys Arg Met Thr Arg Phe Phe Thr Lys Leu
 370 375 380
 Asp Ala Asp Lys Ser Tyr Gln Cys Leu Lys Glu Thr Cys Glu Lys Leu
 385 390 395 400
 Gly Tyr Gln Trp Lys Lys Ser Cys Met Asn Gln Val Thr Ile Ser Thr
 405 410 415
 Thr Asp Arg Arg Asn Asn Lys Leu Ile Phe Lys Val Asn Leu Leu Glu
 420 425 430
 Met Asp Asp Lys Ile Leu Val Asp Phe Arg Leu Ser Lys Gly Asp Gly
 435 440 445
 Leu Glu Phe Lys Arg His Phe Leu Lys Ile Lys Gly Lys Leu Ile Asp
 450 455 460
 Ile Val Ser Ser Gln Lys Val Trp Leu Pro Ala Thr
 465 470 475

<210> 1903

<211> 542

<212> PRT

<213> Homo sapiens

<400> 1903

Met Ser Arg Glu Ser Asp Val Glu Ala Gln Gln Ser His Gly Ser Ser
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Ser Gln Ser Ser His Ser Ser Ser Gly Thr Leu Ser Ser Leu Glu Thr
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 Val Ser Thr Gln Glu Leu Tyr Ser Ile Pro Glu Asp Gln Glu Pro Glu
 65 70 75 80
 Asp Gln Glu Pro Glu Glu Pro Thr Pro Ala Pro Trp Ala Arg Leu Trp
 85 90 95
 Ala Leu Gln Asp Gly Phe Ala Asn Leu Glu Cys Val Asn Asp Asn Tyr
 100 105 110
 Trp Phe Gly Arg Asp Lys Ser Cys Glu Tyr Cys Phe Asp Glu Pro Leu
 115 120 125
 Leu Lys Arg Thr Asp Lys Tyr Arg Thr Tyr Ser Lys Lys His Phe Arg
 130 135 140
 Ile Phe Arg Glu Val Gly Pro Lys Asn Ser Tyr Ile Ala Tyr Ile Glu
 145 150 155 160
 Asp His Ser Gly Asn Gly Thr Phe Val Asn Thr Glu Leu Val Gly Lys
 165 170 175
 Gly Lys Arg Arg Pro Leu Asn Asn Asn Ser Glu Ile Ala Leu Ser Leu
 180 185 190
 Ser Arg Asn Lys Val Phe Val Phe Phe Asp Leu Thr Val Asp Asp Gln
 195 200 205
 Ser Val Tyr Pro Lys Ala Leu Arg Asp Glu Tyr Ile Met Ser Lys Thr
 210 215 220
 Leu Gly Ser Gly Ala Cys Gly Glu Val Lys Leu Ala Phe Glu Arg Lys
 225 230 235 240
 Thr Cys Lys Lys Val Ala Ile Lys Ile Ile Ser Lys Arg Lys Phe Ala
 245 250 255
 Ile Gly Ser Ala Arg Glu Ala Asp Pro Ala Leu Asn Val Glu Thr Glu
 260 265 270
 Ile Glu Ile Leu Lys Lys Leu Asn His Pro Cys Ile Ile Lys Ile Lys
 275 280 285
 Asn Phe Phe Asp Ala Glu Asp Tyr Tyr Ile Val Leu Glu Leu Met Glu
 290 295 300
 Gly Gly Glu Leu Phe Asp Lys Val Val Gly Asn Lys Arg Leu Lys Glu
 305 310 315 320
 Ala Thr Cys Lys Leu Tyr Phe Tyr Gln Met Leu Leu Ala Val Gln Tyr

Leu Leu Ser Ser Gln Glu Glu Asp Cys Leu Ile Lys Ile Thr Asp Phe
 355 360 365

Gly His Ser Lys Ile Leu Gly Glu Thr Ser Leu Met Arg Thr Leu Cys
 370 375 380

Gly Thr Pro Thr Tyr Leu Ala Pro Glu Val Leu Val Ser Val Gly Thr
 385 390 395 400

Ala Gly Tyr Asn Arg Ala Val Asp Cys Trp Ser Leu Gly Val Ile Leu
 405 410 415

Phe Ile Cys Leu Ser Gly Tyr Pro Pro Phe Ser Glu His Arg Thr Gln
 420 425 430

Val Ser Leu Lys Asp Gln Ile Thr Ser Gly Lys Tyr Asn Phe Ile Pro
 435 440 445

Glu Val Trp Ala Glu Val Ser Glu Lys Ala Leu Asp Leu Val Lys Lys
 450 455 460

Leu Leu Val Val Asp Pro Lys Ala Arg Phe Thr Thr Glu Glu Ala Leu
 465 470 475 480

Arg His Pro Trp Leu Gln Asp Glu Asp Met Lys Arg Lys Phe Gln Asp
 485 490 495

Leu Leu Ser Glu Glu Asn Glu Ser Thr Ala Leu Pro Gln Val Leu Ala
 500 505 510

Gln Pro Ser Thr Ser Arg Lys Arg Pro Arg Glu Gly Glu Ala Glu Gly
 515 520 525

Ala Glu Thr Thr Lys Arg Pro Ala Val Cys Ala Ala Val Leu
 530 535 540

<210> 1904

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1904

Leu Tyr Arg Ser Pro Ala Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1905

<211> 9

peptide

<400> 1905

Gly Gly Arg Ser Pro Ala Met Pro Glu

1

5

<210> 1906

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<400> 1906

Leu Tyr Arg Ser Pro Ser Ala Met Pro Glu Asn Leu

1

5

10

<210> 1907

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1907

Leu Tyr Arg Ser Pro Ser His Xaa Glu Asn Leu

1

5

10

<210> 1908

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<210> 1909
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1909
 Leu Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu
 1 5 10

<210> 1910
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1910
 Leu Tyr Thr Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1911
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<210> 1912
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1912
 Trp Tyr Arg Ser Pro Ser Phe Xaa Glu Asn Leu
 1 5 10

<210> 1913
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1913
 Trp Tyr Thr Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1914
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1914

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1915
 Phe Tyr Ser Ser Pro Ser His Xaa Glu Asn Leu
 1 5 10

<210> 1916
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1916
 Phe Tyr Thr Ser Pro Ser Met Xaa Glu Asn Leu
 1 5 10

<210> 1917
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
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 <222> (8)
 <223> Pro, Phe, Tyr or Trp

<400> 1917
 Phe Tyr Thr Ser Pro Ser Phe Xaa Glu Asn Leu

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<212> PRT
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<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1918

Phe Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu

10

<210> 1919

<211> 11

<212> PRT

<213> Artificial Sequence

 $\langle 220 \rangle$

<223> Description of Artificial Sequence: Synthetic peptide

 $\langle 220 \rangle$

<221> MOD RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1919

Trp Tyr Thr Ser Pro Ser Met Xaa Glu Asn Leu

10

<210> 1920

<221> 11

<212> PRT

<213> Artificial Sequence

<22(1)>

<??> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1920

Trp Tyr Thr Ser Pro Ser Phe Xaa Glu Asn Leu

10

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<220>

<221> MOD_RES

<222> (8)

<223> Pro, Phe, Tyr or Trp

<400> 1921

Trp Tyr Thr Ser Pro Ser Tyr Xaa Glu Asn Leu
1 5 10

<210> 1922

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1922

Leu Ala Arg Ser Ala Ser Met Pro Glu Ala Leu
1 5 10

<210> 1923

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1923

Arg Tyr Ser Leu Pro Pro Glu Leu Ser Asn Met
1 5 10

<210> 1924

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<210> 1925
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 1925
 Leu Tyr Arg Ser Pro Ser Met Pro Glu Asn Leu
 1 5 10

<210> 1926
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1926
 Xaa Tyr Gly Gly Pro Gly Gly Gly Gly Asn Xaa
 1 5 10

<210> 1927
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>

Xaa Tyr Gly Gly Gly Gly Gly Gly Gly Asn Xaa
 1 5 10

<210> 1928
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (9)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1928
 Xaa Tyr Gly Gly Gly Gly Gly Gly Xaa Asn Xaa
 1 5 10

<210> 1929
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
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 <222> (1)
 <223> Any amino acid

<220>
 <221> MOD_RES
 <222> (8)
 <223> Any amino acid

<220>

<221> MOD_RES
 <222> (11)
 <223> Any amino acid

<400> 1929
 Xaa Tyr Gly Gly Gly Gly Gly Xaa Xaa Asn Xaa
 1 5 10

<210> 1930
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<220>
 <221> MOD_RES
 <222> (2)..(3)
 <223> Gly, Leu, Ser or Arg

<220>
 <221> MOD_RES
 <222> (6)..(8)
 <223> Gly, Leu, Ser, Met, Pro or Glu

<400> 1930
 Tyr Xaa Xaa Pro Ser Xaa Xaa Xaa Asn
 1 5

<210> 1931
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1931
 Gly Gly Ser Pro Ser Met
 1 5

<210> 1932
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>

1	5	10	15
Ser Met Pro Glu Asn Leu			
20			

<210> 1933
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1933															
Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Leu	Tyr	Arg	Ser	Pro
1				5				10						15	

Ala Met Pro Glu Asn Leu			
20			

<210> 1934
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1934															
Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Gly	Gly	Arg	Ser	Pro
1				5				10						15	

Ala Met Pro Glu			
20			

<210> 1935
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1935															
Tyr	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Leu	Ala	Arg	Ser	Ala
1				5				10						15	

<211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1936
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Pro Gly
 1 5 10 15

Gly Gly Gly Asn
 20

<210> 1937
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1937
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Leu Ser Arg Ser
 1 5 10 15

Pro Pro Met Asn Glu Leu
 20

<210> 1938
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1938
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Arg Tyr Ser Leu Pro
 1 5 10 15

Pro Glu Leu Ser Asn Met
 20

<210> 1939
 <211> 18
 <212> PRT

<400> 1939

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ala
 1 5 10 15

Met Pro

<210> 1940

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1940

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Arg Ser Pro
 1 5 10 15

Ser Met Pro

<210> 1941

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1941

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ser
 1 5 10 15

Met Pro

<210> 1942

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1942

<210> 1943
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1943
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Ser Pro Ser
 1 5 10 15

Met

<210> 1944
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1944
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
 1 5 10 15

Gly Gly Gly Asn
 20

<210> 1945
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1945
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
 1 5 10 15

Gly Gly Asn

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1946

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Gly Gly Gly Gly
1 5 10 15

Gly Asn

<210> 1947

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1947

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Tyr Pro Tyr Asp Val
1 5 10 15

Pro Asp Tyr Ala
20

<210> 1948

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 19'8

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Gly Gly Asp Tyr Lys
1 5 10 15

Asp Asp Asp Asp Lys Gly
20